

FIG. 1

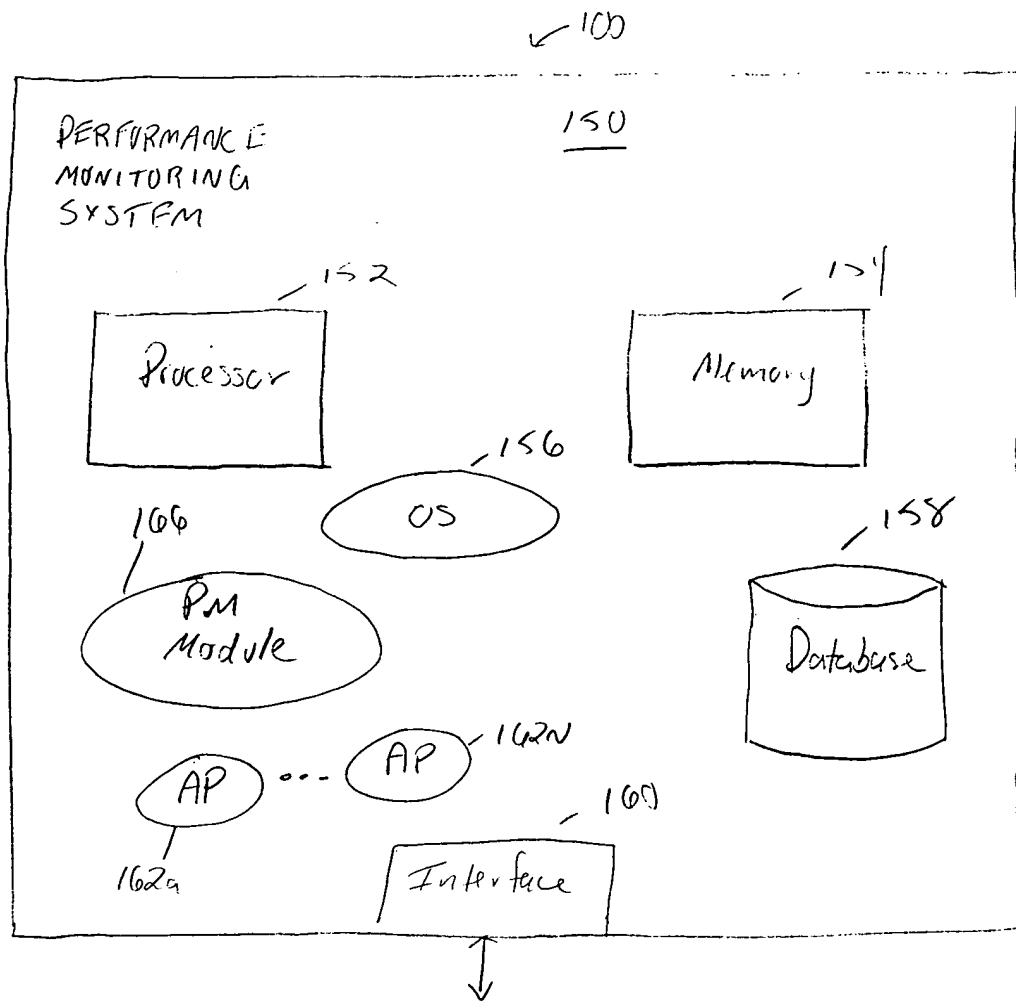


FIG. 2

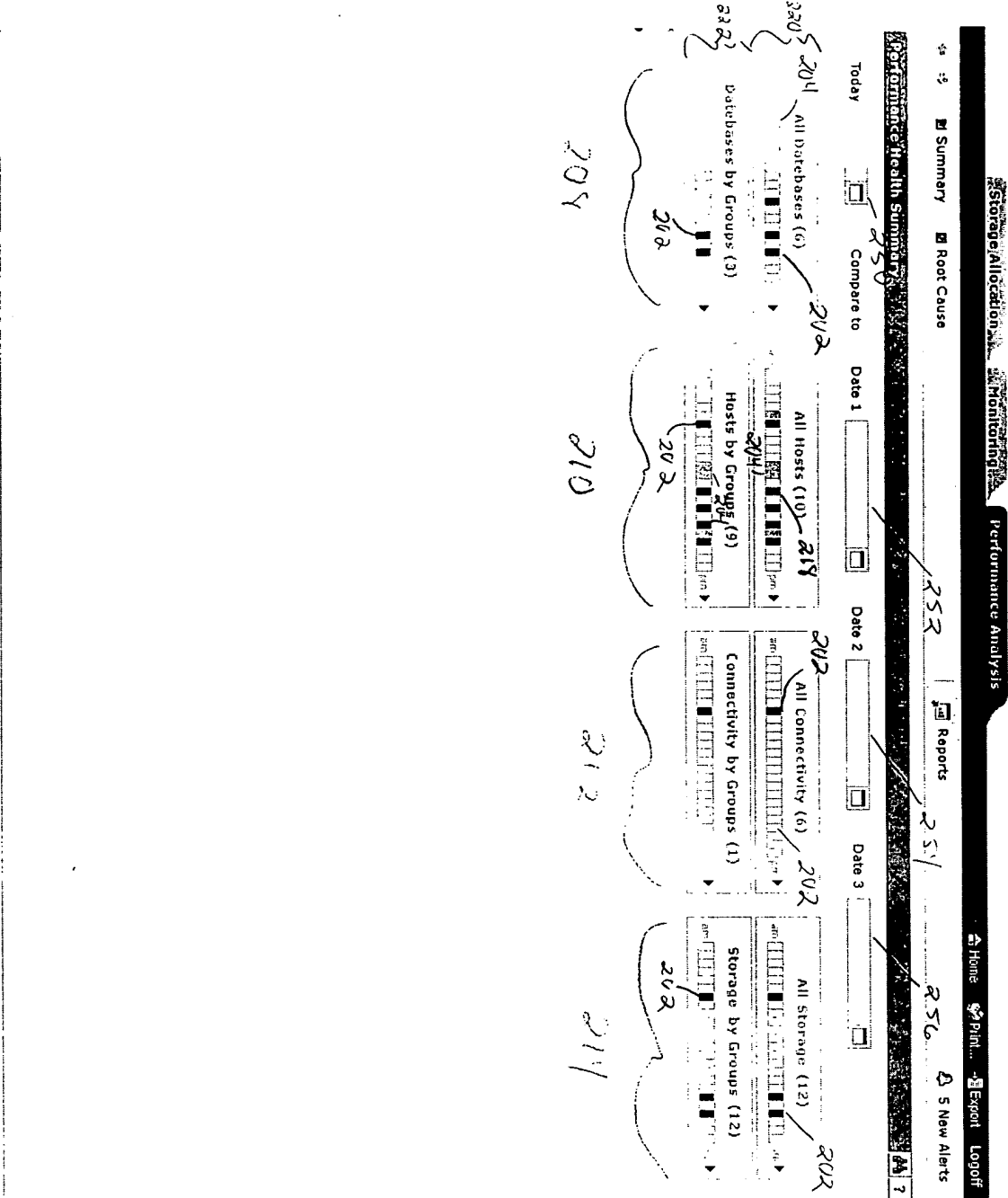
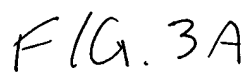
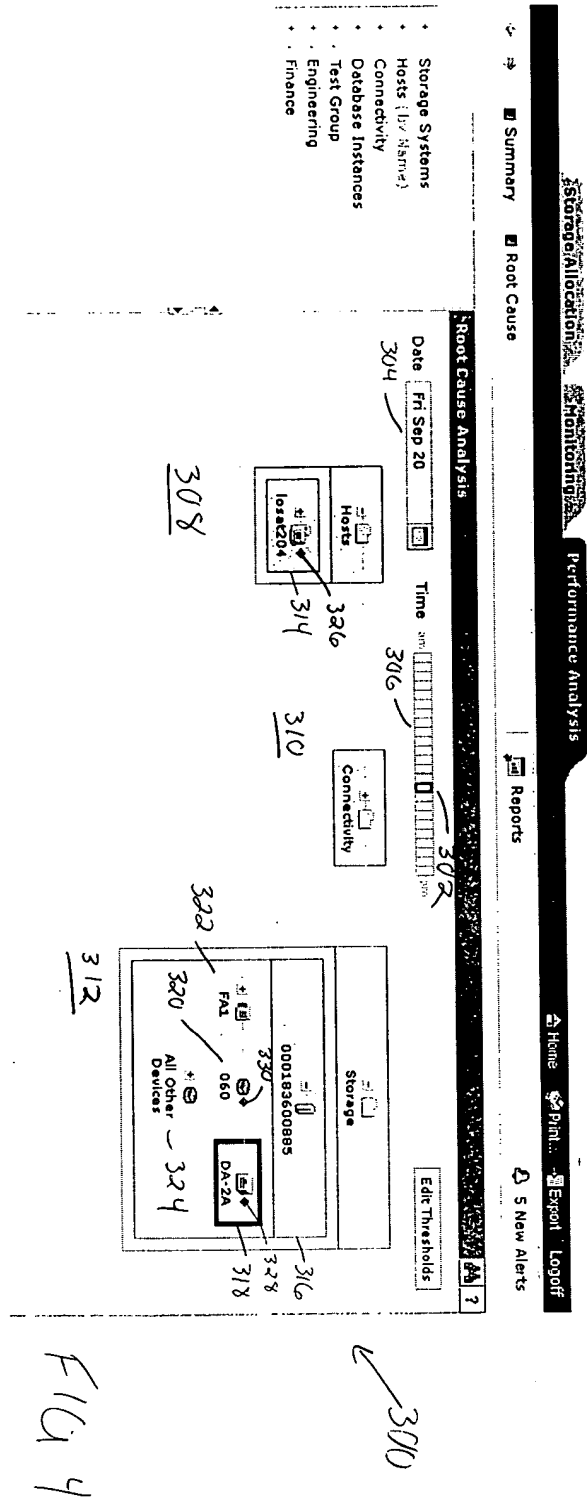


FIG. 3



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SYSTEM AND METHOD PROVIDING MAPPED NETWORK OBJECT PERFORMANCE INFORMATION

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EMC-042PUS

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380
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Storage Allocation Monitoring Performance Analysis

Home Print... Export Logoff

Summary Root Cause

Reports

5 New Alerts

Alerts

Layout: Details: 5 New Alerts

382 384 386 388 390 392

	Object Name	Message	Created	Category	Acknowledged By
	losav132	ESNAPI get element serial number failed	Thu Sep 19 11:15:41	Health.General	
	MVS7	IBM_VTS: Average virtual volume mount=3 ...	Fri Sep 20 14:04:32	Performance.Host	
	/dev/rdisk/c20d762	Threshold exceeded on writes/second	Fri Sep 20 14:04:32	Performance.Host	
	losat204	No WAL Archiver Agents found in Compo...	Fri Sep 20 07:55:38	Health.General	
	boroditskyxxa	Logon failure: Invalid Username/Password co...	Wed Sep 25 15:11:11	Health.Server	
	losav132	No VCM-enabled storage arrays detected. Ve...	Fri Sep 20 17:00:28	Health.Server	eccadmin
	losbe071	Volume vg01:dev102(R) is unpaired.	Thu Sep 19 20:00:00	Health.General	eccadmin
	losbe071	Volume vg01:dev102(L) is unpaired.	Fri Sep 20 14:04:32	Performance.Host	eccadmin
	MVS7	IBM_VTS: VTS\$VTS1 not collecting enhanced...	Fri Sep 20 15:15:20	Performance.Host	eccadmin
	MVS7	IBM_VTS: Maximum virtual volume mount=3 ...	Fri Sep 20 17:05:01	Health.Server	eccadmin
	boroditskyxxa	User eccadmin has logged off from ECC	Fri Sep 20 17:35:04	Health.Server	eccadmin
	boroditskyxxa	User eccadmin has successfully logged onto ...	Fri Sep 20 17:15:32	Health.General	eccadmin
	losat200	Collection for 'WLA Daily 00' started for Clari...	Fri Sep 20 14:25:31	Health.Server	eccadmin
	MVS7	IBM_VTS:VTS\$VTS1 cache miss percentage ...	Mon Sep 30 08:15:15	Health.General	eccadmin

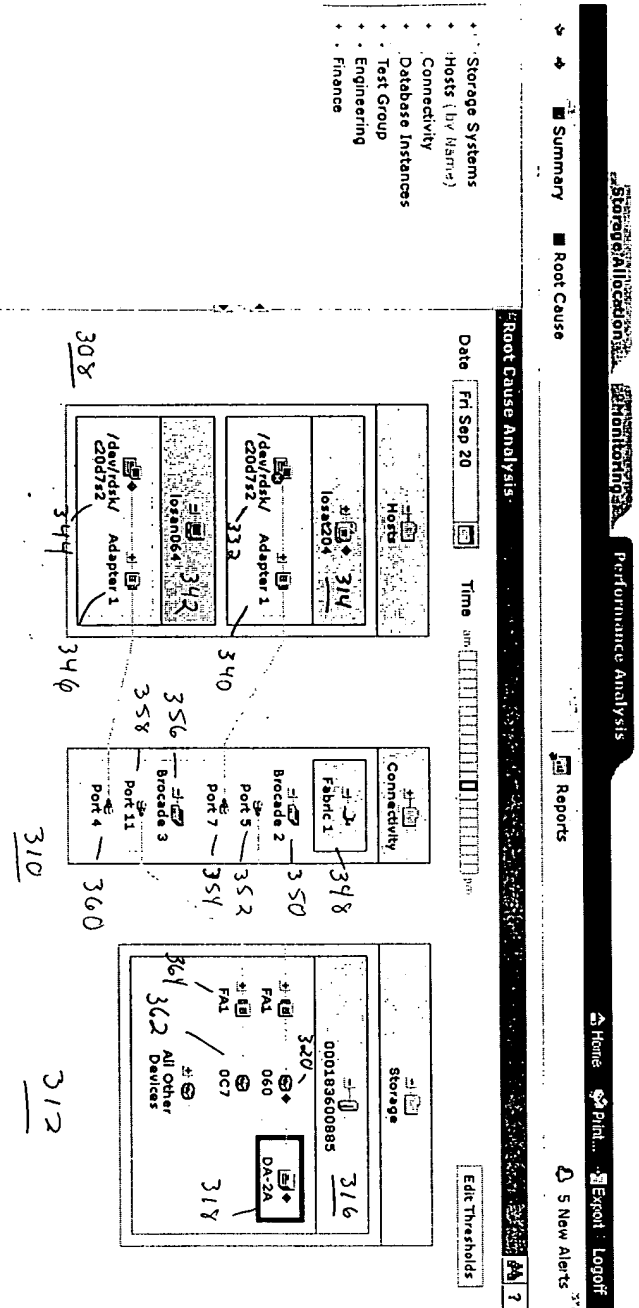
FIG. 4A

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300"

16/11

9/22



10/22

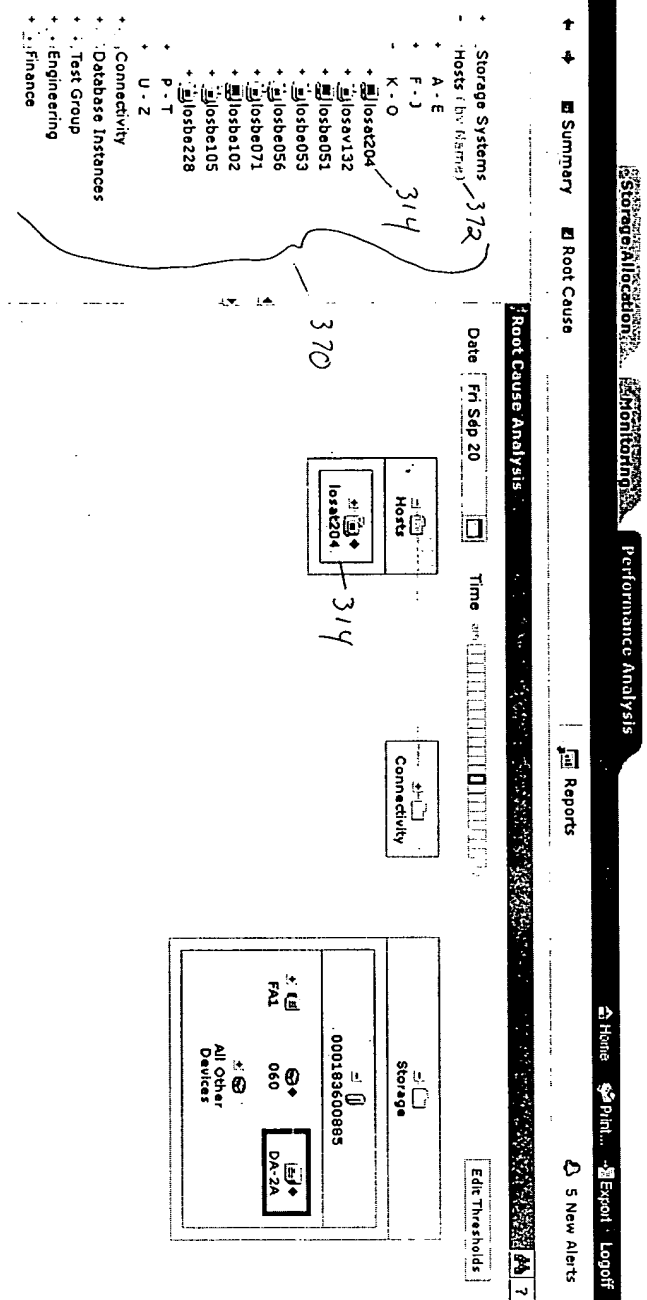


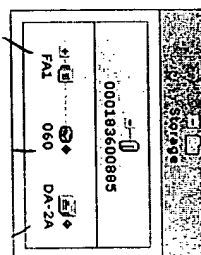
FIG 8

 5 New Alerts

4

Edit Thresholds

Connectivity



DA-2A

$$\frac{w}{w}$$

id N: Stati

460

7.

2

✓

1pm 2pm

pe	Value	Re
----	-------	----

Host 78 D

1000

9/10/11

FIG. 9A

F1G10

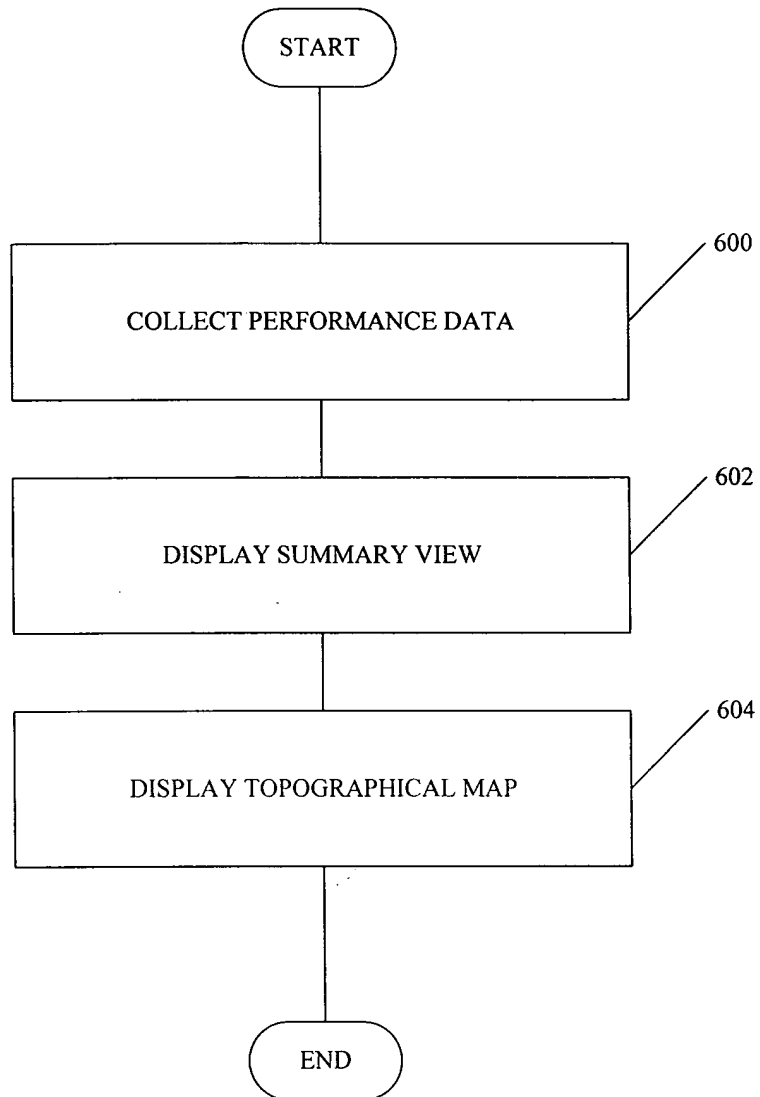
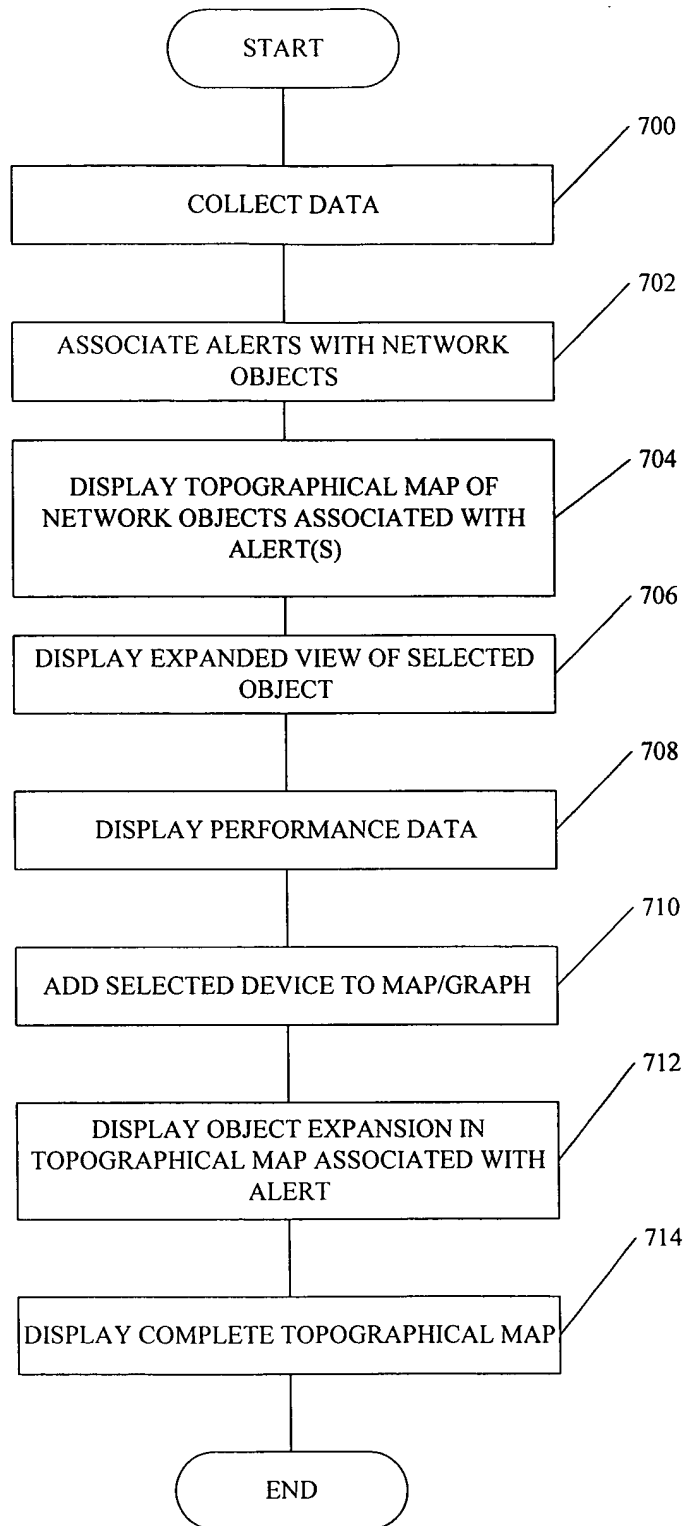
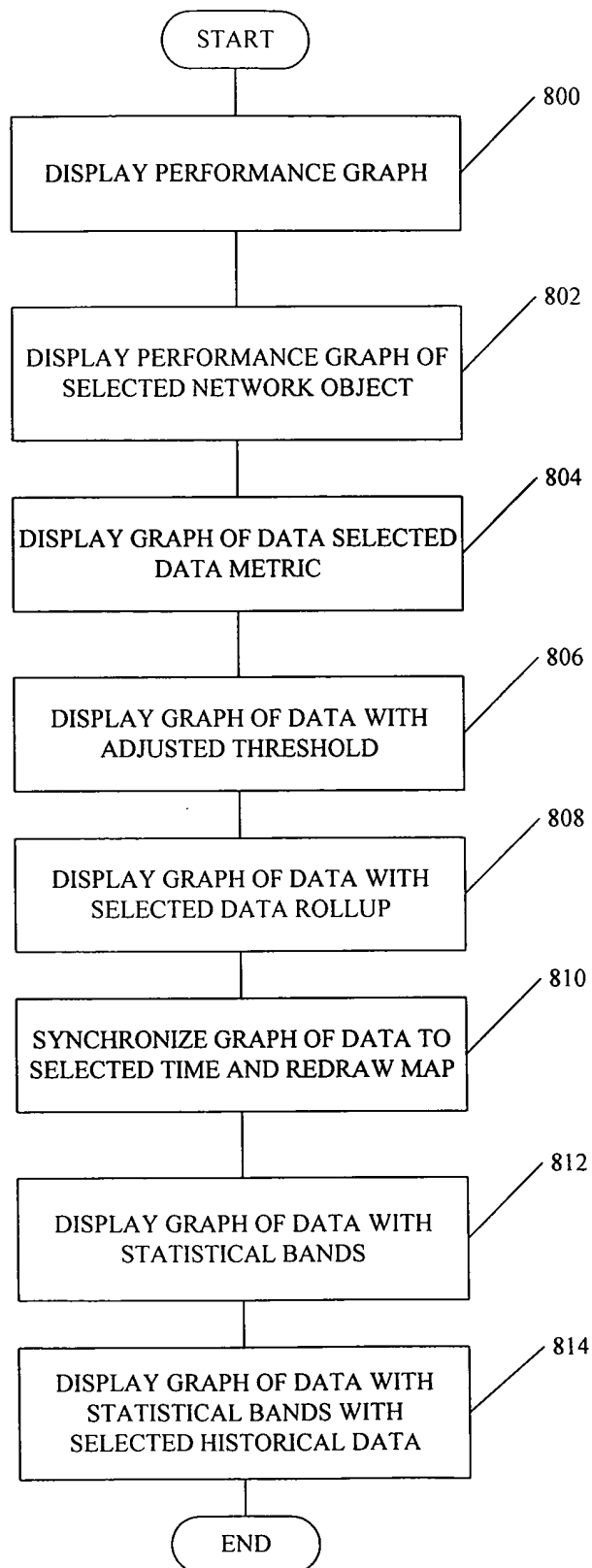


FIG. 11

**FIG. 12**

**FIG. 13**

Performance Threshold Wizard

Select Objects and Metrics

Select the an object type or an individual object below.

☐ Object Type: Symmetrix Disk ☐ Objects: DA-1A DC

Please select a metric: Metric: Response Time and (optional) None

Trigger when value is: Greater or Equal to set threshold

A threshold can be triggered when an object exceeds a single metric or a combination of metrics.

Click next to continue...

FIG. 14

Performance Threshold Wizard

Select Threshold Settings Method

Select a method for setting threshold values.

Set threshold values: ☒ For the whole day — 11029

1102 ☐ For each hour of the day — 1102b

☐ Based on historical data — 1102c

1100 ↓

Apply to

☒ Mon ☒ Tues ☒ Wed ☒ Thurs ☒ Fri ☒ Sat ☒ Sun

1104

Click next to continue...

Back Next Cancel Help

FIG. 15

Performance Threshold Wizard

Set Threshold Value for Each Hour of the Day

Select an hour on the graph to set the medium and high thresholds.

Metric: Response Time

Response Time and Thresholds for DA-1A 0C

1200

1206

1202

1204

1202

High ☒ 60

Medium ☒ 40

Threshold settings applied to the whole day.

1204

Hourly maximum values for past 7 Days

Click next to continue...

1208

Back Next Cancel Help

FIG. 16

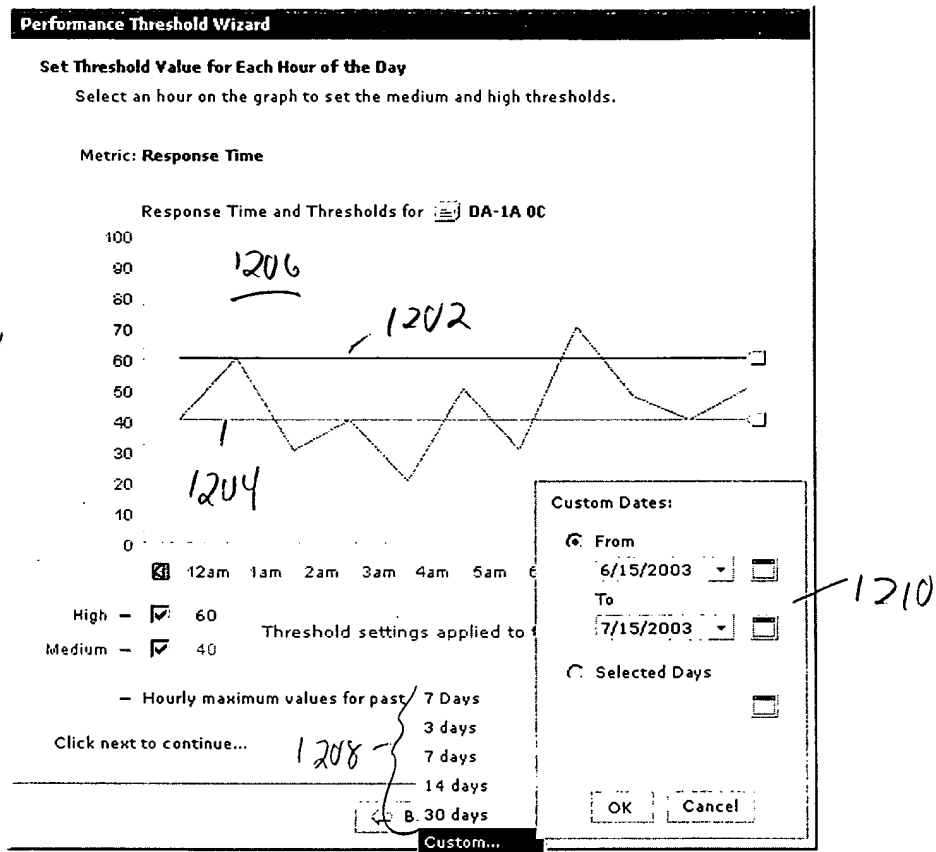


FIG. 16A

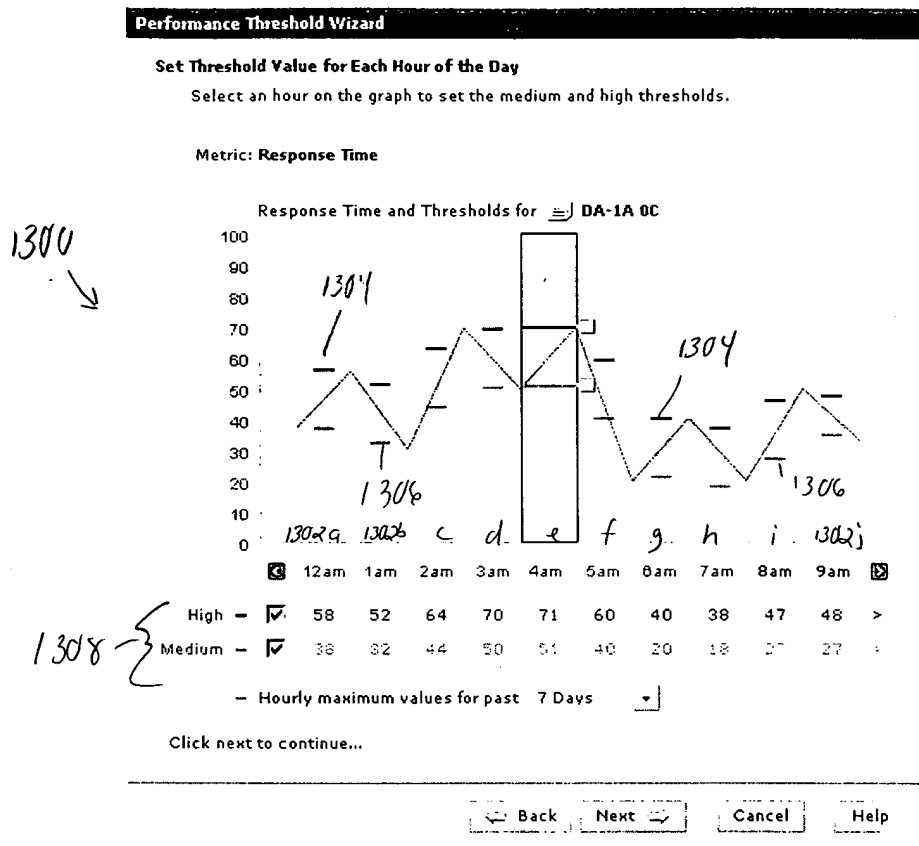


FIG. 17

1400
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Performance Threshold Wizard

Review New Threshold Settings
Please confirm threshold changes and click "Finish" to save.

	Object Name	Metric	Threshold Method	Review	Alert
New Thresholds					
Existing Thresholds	DA-1A OC	Response Time	Hourly Thresholds	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		Writes/second		<input type="checkbox"/>	

1402

To receive an alert in the Alerts view when thresholds trigger, check the box in the row of the threshold.

Back Finish Cancel Help

FIG. 18